SONY®

LCD Digital Colour TV

Operating Instructions

⚠ Before operating the TV, please read the "Safety information" section of this manual.
Retain this manual for future reference.

DVB®
Digital Video Broadcasting

HD ready

KDL-40U2000
KDL-32U2000
KDL-26U2000

BRAVIA

For useful information about Sony products

http://www.sony-europe.com/myproduct

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NOTICE FOR CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS1363 is fitted to this equipment for your safety and convenience.
Should the fuse in the plug supplied need to be replaced, a 10 AMP fuse approved by ASTA or BSI to BS 1362 (i.e., marked with ⊛ or ⊗) must be used.
When an alternative type of plug is used it should be fitted with a 10 AMP FUSE, otherwise the circuit should be protected by a 10 AMP FUSE at the distribution board.
If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact your nearest Sony service station.
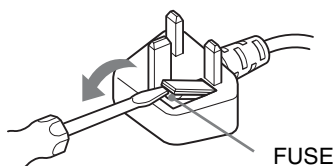
FUSE

How to replace the fuse

Open the fuse compartment with a blade screwdriver, and replace the fuse.

Introduction

Thank you for choosing this Sony product.
Before operating the TV, please read this manual thoroughly and retain it for future reference.

Notice for Digital TV function

- Any functions related to Digital TV (**DVB**) will only work in countries or areas where DVB-T (MPEG2) digital terrestrial signals are broadcasted. Please confirm with your local dealer if you can receive a DVB-T signal where you live.
- Although this TV set follows DVB-T specifications, compatibility with future DVB-T digital terrestrial broadcasts cannot be guaranteed.
- Some Digital TV functions may not be available in some countries.

Trademark information

- **DVB** is a registered trademark of the DVB Project
- Manufactured under license from BBE Sound, Inc. Licensed by BBE Sound, Inc. under one or more of the following US patents: 5510752, 5736897. BBE and BBE symbol are registered trademarks of BBE Sound, Inc.
- Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol **DD** are trademarks of Dolby Laboratories.
- **HDMI** This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

- The illustrations used in this manual are of the KDL-32U2000 unless otherwise state.

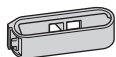# Table of Contents

DVB : for digital channels only

GB

Start-up Guide

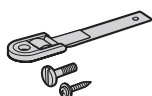## 1: Checking the accessories
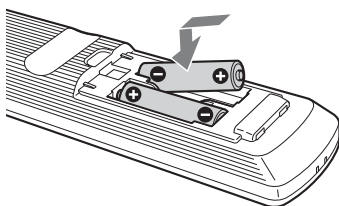
Remote RM-ED007 (1)

Size AA batteries (R6 type) (2)

Cable holder (1) (only for KDL-40U2000)

Support belt (1) and screws (2)


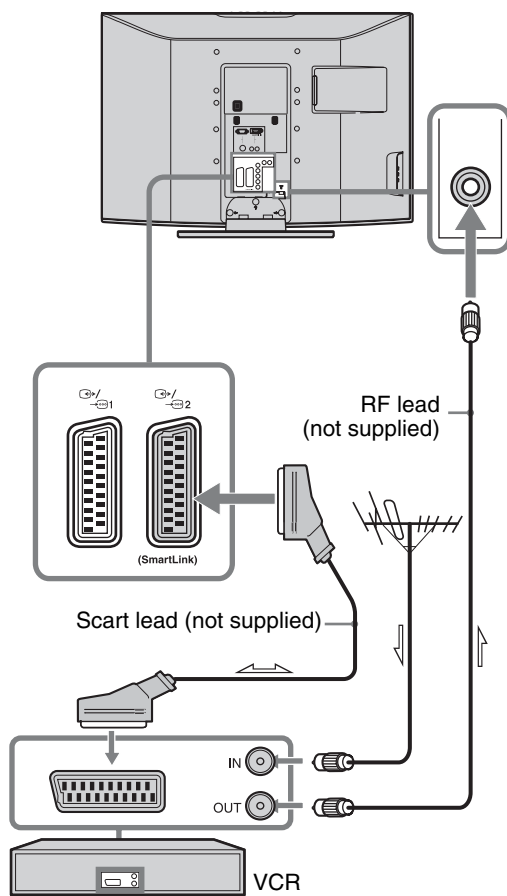### To insert batteries into the remote

Notes
- Observe the correct polarity when inserting batteries.
- Dispose of batteries in an environmentally friendly way. Certain regions may regulate disposal of the battery. Please consult your local authority.
- Do not use different types of batteries together or mix old and new batteries.
- Handle the remote with care. Do not drop or step on it, or spill liquid of any kind onto it.
- Do not place the remote in a location near a heat source, or in a place subject to direct sunlight, or in a damp room.
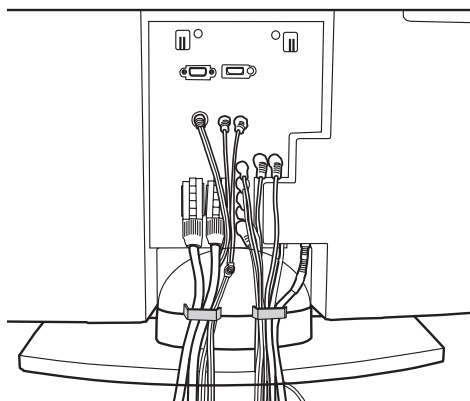
2: Connecting an aerial/VCR
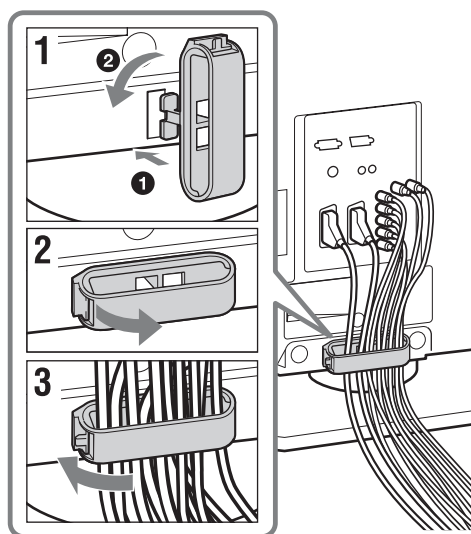
Connecting an aerial only

Coaxial cable (not supplied)
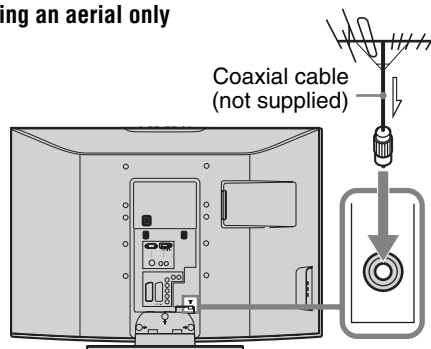
Connecting an aerial and VCR

(SmartLink)

RF lead (not supplied)

Scart lead (not supplied)

IN

OUT

VCR

3: Bundling the cables

(only for KDL-40U2000)

4: Preventing the TV from toppling over
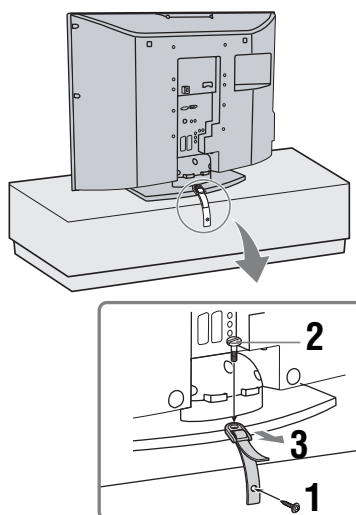
5: Selecting the language and country/region
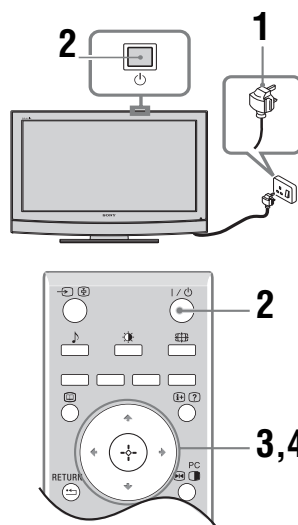
1 Connect the TV to your mains socket (220-240V AC, 50Hz).

2 Press ⏻ on the TV (top side).

When you switch on the TV for the first time, the Language menu appears on the screen.
When the TV is in standby mode (the ⏻ (standby) indicator on the TV (front) is red), press **I/**⏻ on the remote to switch on the TV.

Continued

3 Press ⇧/⇩ to select the language displayed on the menu screens, then press ⊕.

Auto Start Up

Language	English
Country	Nederlands
	Français
	Italiano
	Deutsch
	Ελληνικά
	Türkçe
	Español
	Português

Select: ⬆ ⬇   Confirm: ⊕

4 Press ⇧/⇩ to select the country/region in which you will operate the TV, then press ⊕.

Auto Start Up

Language	United Kingdom
Country	Ireland
	Nederland
	België/Belgique
	Luxembourg
	France
	Italia
	Schweiz/Suisse/Svizzera
	Deutschland

Select: ⬆ ⬇   Confirm: ⊕

If the country/region in which you want to use the TV does not appear in the list, select "-" instead of a country/region.
The message confirming the TV start auto-tuning appears on the screen, then go to "6: Auto-tuning the TV".

6: Auto-tuning the TV
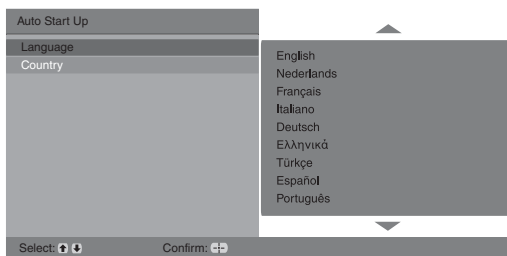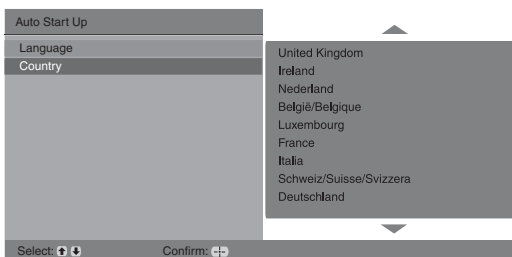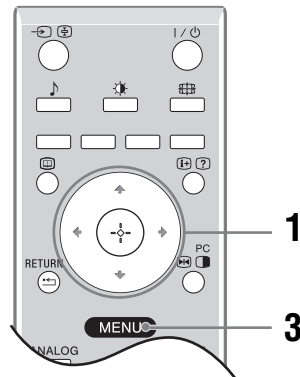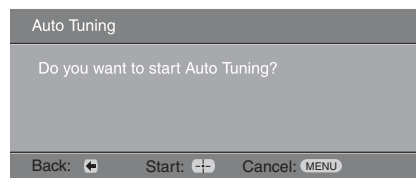
After selecting the language and country/region, a message confirming the TV start auto-tuning appears on the screen.
The TV will now search for and store all available TV channels.

1 Press ⊕.

Auto Tuning

Do you want to start Auto Tuning?

Back: ⬅   Start: ⊕   Cancel: MENU

The TV starts searching for all available digital channels, followed by all available analogue channels. This may take some time, please be patient and do not press any buttons on the TV or remote.

If a message appears for you to confirm the aerial connections

No digital or analogue channels were found. Check all the aerial connections and press ⊕ to start auto-tuning again.

2 When the Programme Sorting menu appears on the screen, follow the steps of "Programme Sorting" (page 19).

If you do not wish to change the order in which the analogue channels are stored on the TV, go to step 3.

3 Press MENU to exit.

The TV has now tuned in all the available channels.

Safety information

Mains lead

- Observe the followings to prevent the mains lead being damaged. If the mains lead is damaged, it may result in a fire or an electric shock.
  - When you disconnect the mains lead, disconnect it from the mains socket first.
  - Be sure to grasp the plug when disconnecting the mains lead. Do not pull on the mains lead itself.
  - Do not pinch, bend, or twist the mains lead excessively. The core conductors may be exposed or broken.
  - Do not modify the mains lead.
  - Do not put anything heavy on the mains lead.
  - Keep the mains lead away from heat sources.
- If you damage the mains lead, stop using it and ask your dealer or Sony service centre to exchange it.
- Do not use the supplied mains lead on any other equipment.
- Use only an original Sony mains lead, not other brands.
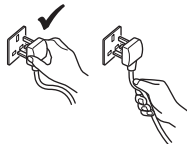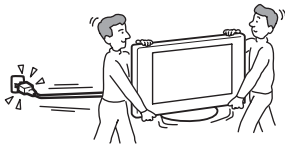
Mains socket

Do not use a poor fitting mains socket. Insert the plug fully into the mains socket. A poor fit may cause arcing and result in a fire. Contact your electrician to have the mains socket changed.

Cleaning the mains plug

Unplug the mains plug and clean it regularly. If the plug is covered with dust and it picks up moisture, its insulation may deteriorate and result in a fire.
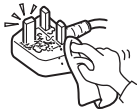
Overloading

This TV set is designed to operate on a 220–240 V AC supply only. Take care not to connect too many appliances to the same mains socket as this could result in fire or electric shock.
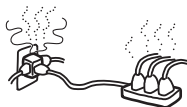
When not in use

- If you will not be using the TV set for several days, the TV set should be disconnected from the mains for environmental and safety reasons.

- The TV set is not disconnected from the mains when the TV set is switched off. To disconnect the TV set completely, pull the plug from the mains. However, some TV sets may have features which need the TV set to be left in standby to work correctly. The instructions in this manual will inform you if this applies.

Carrying

- Before carrying the TV set, disconnect all the cables from the TV set.
- When you carry the TV set by hand, hold the TV set as illustrated on the right. When lifting the TV set or moving the panel of the TV set, hold it firmly from the bottom. If you do not do so, the TV set may fall and be damaged or cause serious injury.
- When transporting it, do not subject the TV set to jolts or excessive vibration. The TV set may fall and be damaged or cause serious injury.
- If the TV set has been dropped or damaged, have it checked immediately by qualified service personnel.
- When you carry the TV set in for repair or when you move it, pack it using the original carton and packing material.
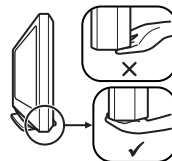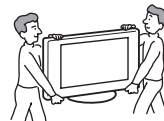
Placement

- The TV set should be installed near an easily accessible mains socket.
- Place the TV set on a stable, level surface. Do not hang anything on the TV set. If you do, the TV set may fall from the stand, causing damage or serious injury.
- Do not install the TV set in places subject to extreme temperature, for example in direct sunlight, or near a radiator, or heating vent. If the TV set is exposed to extreme temperature, the TV set may overheat and cause deformation of the casing or cause the TV set to malfunction.
- Do not install the TV set in a place exposed to direct air conditioning. If the TV set is installed in such a location, moisture may condense inside and may cause a malfunction.
- Never place the TV set in hot, oily, humid or excessively dusty places.
- Do not install the TV set where insects may enter.
- Do not install the TV set where it may be exposed to mechanical vibration.
- Do not install the TV set in a location where it may protrude, such as on or behind a pillar, or where you might bump your head on it. Otherwise, it may result in injury.
- Do not allow children to climb on the TV set.
- If you use the TV set near the seashore, salt may corrode metal parts of the TV set and cause internal damage or fire.

Continued

Ventilation

- Never cover the ventilation holes or insert anything in the cabinet. It may cause overheating and result in a fire.
- Unless proper ventilation is provided, the TV set may gather dust and get dirty. For proper ventilation, observe the following:
  – Do not install the TV set turned backwards or sideways.
  – Do not install the TV set turned over or upside down.
  – Do not install the TV set on a shelf or in a closet.
  – Do not place the TV set on a rug or bed.
  – Do not cover the TV set with cloth, such as curtains, or items such as newspapers, etc.
- Leave some space around the TV set as shown below. Otherwise, air-circulation may be inadequate and cause overheating, which may cause a fire or damage to the TV set.
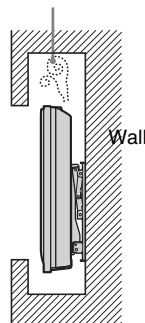
30 cm

10 cm   10 cm   15 cm

Leave at least this much space.
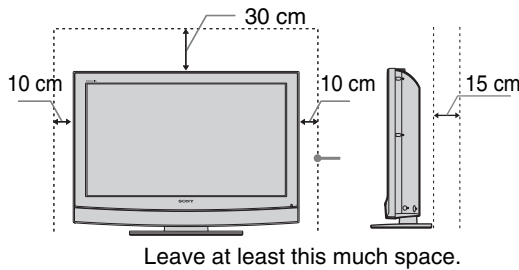
- Never install the TV set as follows:

Air circulation is blocked.
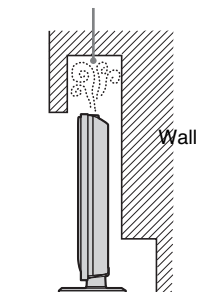
Air circulation is blocked.

Wall

Wall

Optional accessories

Observe the following when installing the TV set using a stand or wall-mount bracket. If you do not do so, the TV set may fall and cause serious injury.

- It is strongly recommended that you use Sony accessories for safety reasons:
  – **KDL-40U2000:**
    Wall-mount bracket SU-WL51.
  – **KDL-32U2000/KDL-26U2000:**
    Wall-mount bracket SU-WL31.
- It is strongly recommended that you use the official Sony wall-mount bracket to allow adequate air circulation and to avoid accumulated dust on the TV.
- If the TV set is to be installed on a wall, have the installation carried out by qualified service personnel. Improper installation may render the TV set unsafe.
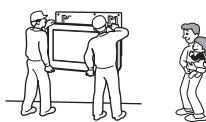
- Secure the TV set properly, following the instructions supplied with your stand when installing the TV set.
- Be sure to attach the brackets supplied with your stand.

Wiring

- When wiring cables, be sure to unplug the mains lead for your safety.
- Take care not to catch your feet on the cables. It may damage the TV set.

Medical institutions

Do not place this TV set in a place where medical equipment is in use. It may cause a malfunction of medical instruments.
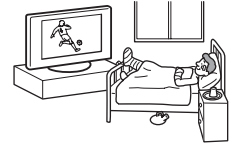
Outdoor use

- Do not install this TV set outdoors. If the TV set is exposed to rain, it may result in a fire or an electrical shock.
- If this TV set is exposed to direct sunlight, the TV set may heat up and it may damage the TV set.
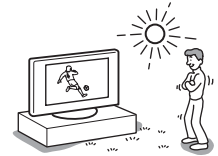
Vehicle, Ships and other vessels

- Do not install this TV set in a vehicle. The motion of the vehicle may cause the TV set to fall down and cause injury.
- Do not install this TV set on a ship or other vessel. If the TV set is exposed to seawater, it may cause a fire or damage the TV set.
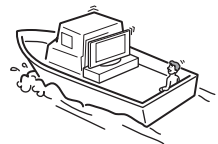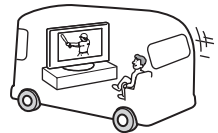
Water and moisture

- Do not use this TV set near water – for example, near a bathtub or shower room. Also do not expose to rain, moisture or smoke. This may result in a fire or an electric shock.
- Do not touch the mains lead and the TV set with wet hands. Doing so may cause an electric shock or damage to the TV set.

Moisture and flammable objects

- Do not place any objects on the TV set. The TV set shall not be exposed to dripping or splashing and that no objects filled with liquid, such as vases, shall be placed on the TV set.
- To prevent fire, keep flammable objects or naked lights (e.g. candles) away from the TV set.
- If any liquid or solid object does fall through openings in the cabinet, do not operate the TV set. It may result in an electric shock or damage to the TV set. Have it checked immediately by qualified service personnel.
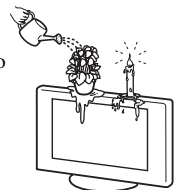
Lightning storms

For your own safety, do not touch any part of the TV set, mains lead, or aerial lead during lightning storms.

Broken pieces

- Do not throw anything at the TV set. The screen glass may break by the impact and cause serious injury.
- If the surface of the TV set cracks, do not touch it until you have unplugged the mains lead. Otherwise electric shock may result.

Servicing

Dangerously high Voltage are present inside the TV set.
Do not open the cabinet. Entrust the TV set to qualified service personnel only.

Small accessories removal and fittable

Keep small accessories out of children's reach.

Precautions

Viewing the TV

- To view the TV comfortably, the recommended viewing position is from four to seven times the screen's vertical length away from the TV set.
- To obtain a clear picture, do not expose the screen to direct illumination or direct sunlight. If possible, use spot lighting directed down from the ceiling.
- View the TV in moderate light, as viewing the TV in poor light or during long period of time, strains your eyes.

Volume adjustment

- Adjust the volume so as not to trouble your neighbours. Sound carries very easily at night time. Therefore, closing the windows or using headphones is suggested.
- When using headphones, adjust the volume so as to avoid excessive levels, as hearing damage may result.

LCD Screen

- Although the LCD screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the LCD screen. This is a structural property of the LCD screen and is not a malfunction.
- Do not push or scratch the front filter, or place objects on top of this TV set. The image may be uneven or the LCD screen may be damaged.
- If this TV set is used in a cold place, a smear may occur in the picture or the picture may become dark. This does not indicate a failure. These phenomena disappear as the temperature rises.
- Ghosting may occur when still pictures are displayed continuously. It may disappear after a few moments.
- The screen and cabinet get warm when this TV set is in use. This is not a malfunction.
- The LCD screen contains a small amount of liquid crystal and mercury. The fluorescent tube used in this TV set also contains mercury. Follow your local ordinances and regulations for disposal.

Handling and cleaning the screen surface/cabinet of the TV set

Be sure to unplug the mains lead connected to the TV set from mains socket before cleaning.
To avoid material degradation or screen coating degradation, observe the following precautions.

- Do not push on the screen, scratch it with a hard object, or throw anything at it. The screen may be damaged.
- Do not touch the display panel after operating the TV set continuously for a long period as the display panel becomes hot.
- We recommend that the screen surface be touched as little as possible.
- To remove dust from the screen surface/cabinet, wipe gently with a soft cloth. If dust is persistent, wipe with a soft cloth slightly moistened with a diluted mild detergent solution.
- Never use any type of abrasive pad, alkaline/acid cleaner, scouring powder, or volatile solvent, such as alcohol, benzene, thinner or insecticide. Using such materials or maintaining prolonged contact with rubber or vinyl materials may result in damage to the screen surface and cabinet material.
- The ventilation holes can accumulate dust over time. To ensure proper ventilation, we recommend removing the dust periodically (once a month) using a vacuum cleaner.
- If the angle of the TV set is to be adjusted, steady the base of the stand with your hand to prevent the TV set from becoming separated from the stand. Be careful not to get your fingers caught between the TV set and the stand.

Optional Equipments

- Do not install optional components too close to the TV set. Keep optional components at least 30 cm away from the TV set. If a VCR is installed in front of the TV set or beside the TV set, the picture may become distorted.
- Picture distortion and/or noisy sound may occur if the TV set is positioned in close proximity to any equipment emitting electromagnetic radiation.

Disposal of the TV set

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Overview of the remote
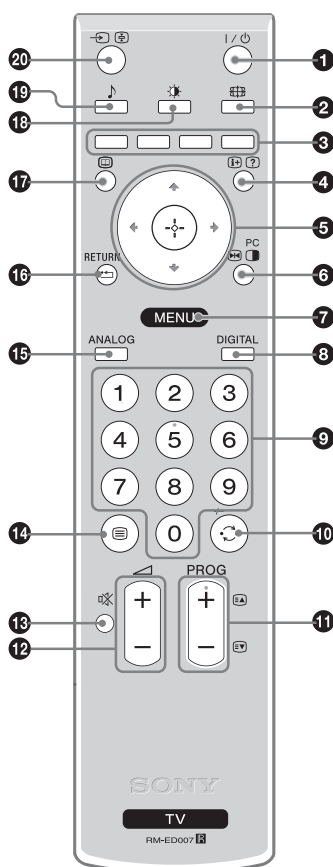
❶ I/⏻ – **TV standby**

Switches off the TV temporarily and on from standby mode.

❷ ⊞ – **Screen mode (page 12)**

❸ **Coloured buttons**
- In digital mode (page 13, 14): Selects the options at the bottom of the Favourite and EPG digital menus.
- In Text mode (page 12): Used for Fastext.

❹ ⊞/? – **Info / Text reveal**
- In digital mode: Displays brief details of the programme currently being watched.
- In analogue mode: Displays information such as current channel number and screen mode.
- In Text mode (page 12): Reveals hidden information (e.g., answers to a quiz).

❺ ⇧/⇩/⇦/⇨/⊕ **(page 15)**

❻ ⊡ **Picture Freeze (page 12)/** ⬚ **PIP in PC Mode (page 12)**
- In TV mode: Freezes the TV picture.
- In PC mode: Displays a small picture (PIP).

❼ **MENU (page 15)**

❽ **DIGITAL – Digital mode (page 11)**

❾ **Number buttons**
- In TV mode: Selects channels. For channel numbers 10 and above, enter the second digit within two seconds.
- In Text mode: Enters the three digit page number to select the page.

❿ ↻ – **Previous channel**

Returns to the previous channel watched (for more than five seconds).

⓫ **PROG +/- (page 11)**
- In TV mode: Selects the next (+) or previous (-) channel.
- In Text mode: Selects the next (+) or previous (-) page.

⓬ ⊿ +/- – **Volume**

⓭ ⊠ – **Mute**

⓮ ▤ – **Text (page 12)**

⓯ **ANALOG – Analogue mode (page 11)**

⓰ ⬔ / **RETURN**

Returns to the previous screen of any displayed menu.

⓱ ▥ – **EPG (Digital Electronic Programme Guide) (page 13)**

⓲ ☀ – **Picture mode (page 16)**

⓳ ♪ – **Sound effect (page 16)**

⓴ ⊸⊞ – **Input select / Text hold**
- In TV mode (page 22): Selects the input source from equipment connected to the TV sockets.
- In Text mode (page 12): Holds the current page.

Tip
The PROG + and number 5 buttons have tactile dots. Use the tactile dots as references when operating the TV.

Overview of the TV buttons and indicators

Watching TV
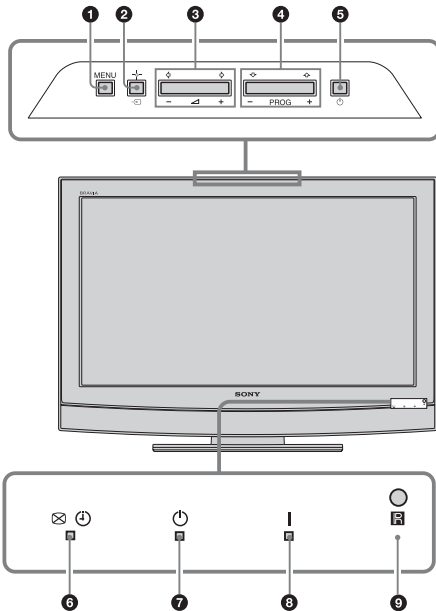
❶ **MENU (page 15)**

❷ ⊸⑃/-○- **– Input select/OK**
- In TV mode (page 22): Selects the input source from equipment connected to the TV sockets.
- In TV menu: Selects the menu or option, and confirm the setting.

❸ ⊿ **+/-/⇦/⇨**
- Increases (+) or decreases (-) the volume.
- In TV menu: Moves through the options left (⇦) or right (⇨).

❹ **PROG +/-/⇧/⇩**
- In TV mode: Selects the next (+) or previous (-) channel.
- In TV menu: Moves through the options up (⇧) or down (⇩).

❺ ⏻ **– Power**

Switches the TV on or off.

Note:

To disconnect the TV completely, pull the plug from the mains.

❻ ⊠ ⏰ **– Picture Off/Timer indicator**
- Lights up in green when the picture is switched off (page 17).
- Lights up in orange when the timer is set (page 18).
- Lights up in red when digital REC starts in standby mode.

❼ ⏻ **– Standby indicator**

Lights up in red when the TV is in standby mode.

❽ I **– Power indicator**

Lights up in green when the TV is switched on.

❾ **Remote control sensor**
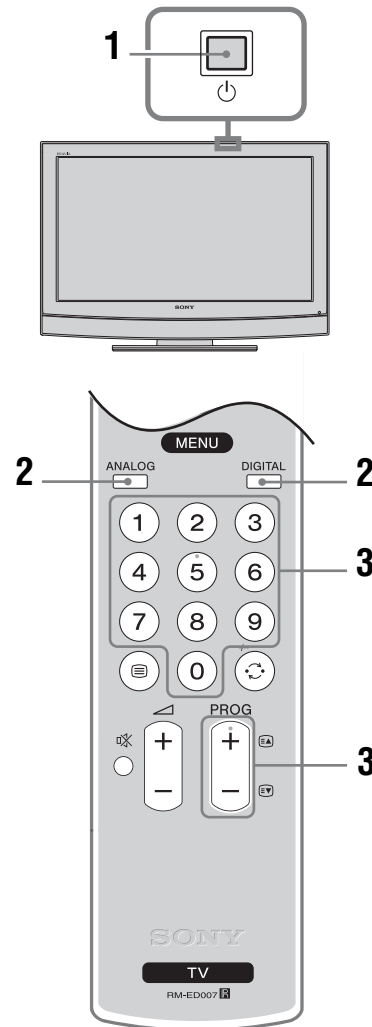
**1** Press ⏻ on the TV (top side) to switch on the TV.

When the TV is in standby mode (the ⏻ (standby) indicator on the TV (front) is red), press I/⏻ on the remote to switch on the TV.

2 Press DIGITAL to switch to digital mode or ANALOG to switch to analogue mode.

The channels available vary depending on the mode.

3 Press the number buttons or PROG +/- to select a TV channel.

**11** GB

In digital mode

An information banner appears briefly. The following icons may be indicated on the banner.

- 🖳 : Interactive service is available (MHEG Digital Text)
- 🖳 : Interactive service (MHEG Digital Text) is currently disabled
- 📻 : Radio service
- ▓ : Scrambled/Subscription service
- 🔊 : Multiple audio languages available
- ▦ : Subtitles available
- 🕮 : Subtitles available for the hearing impaired
- ⑱ : Recommended minimum age for current programme (from 4 to 18 years)
- 🔒 : Parental Lock
- 📼 : Current programme is being recorded

Additional operations

| To	Do this
Access the Programme index table (in analogue mode only)	Press ⊕. To select an analogue channel, press ⇧/⇩, then press ⊕.

To access Text

Press ▤. Each time you press ▤, the display changes cyclically as follows:
Text → Text over the TV picture (mix mode) → No Text (exit the Text service)
To select a page, press the number buttons or PROG +/-.
To hold a page, press ⊸/⊜.
To reveal hidden information, press ⊞/⑦.

Picture Freeze

Freezes the TV picture (e.g. to make a note of a telephone number or recipe).

1 Press ⊠ ⓟ on the remote control.

2 Press ⇧/⇩/⇦/⇨ to adjust the position of the window.

3 Press ⊠ ⓟ to remove the window.

4 Press ⊠ ⓟ again to return to normal TV mode.

Tip
Not available for ⎚ AV3, ⎚ AV5 and ⎚ AV6.

PIP in PC Mode (Picture in Picture)

In PC mode, displays a small picture of the last channel selected.

1 Press ⊠ ⓟ on the remote control.

2 Press ⇧/⇩/⇦/⇨ to adjust the position of the window.

3 Press ⊠ ⓟ to cancel.

Tip
The sound is output from the small picture.

To change the screen mode manually to suit the broadcast

Press ▦ repeatedly to select Smart, 4:3, Wide, Zoom, or 14:9.

Smart*
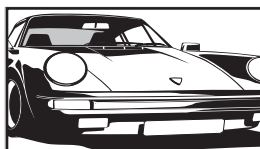
Displays conventional 4:3 broadcasts with an imitation wide screen effect. The 4:3 picture is stretched to fill the screen.

4:3
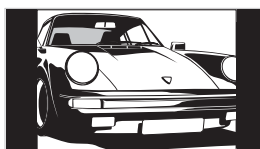
Displays conventional 4:3 broadcasts (e.g., non-wide screen TV) in the correct proportions.

Wide
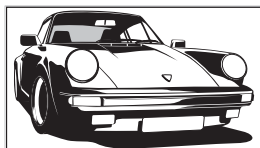
Displays wide screen (16:9) broadcasts in the correct proportions.

Zoom*
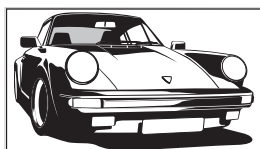
Displays cinemascopic (letter box format) broadcasts in the correct proportions.

14:9*
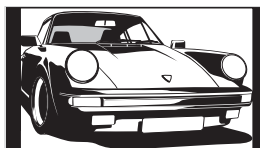
Displays 14:9 broadcasts in the correct proportions. As a result, black border areas are visible on the screen.

* Parts of the top and bottom of the picture may be cut off.

Tips
- Alternatively, you can set "Auto Format" to "On". The TV will automatically select the best mode to suit the broadcast (page 17).
- You can adjust the position of the picture when selecting Smart, 14:9, or Zoom. Press ⇧/⇩ to move up or down (e.g., to read subtitles).

Checking the Digital Electronic Programme Guide (EPG) DV3
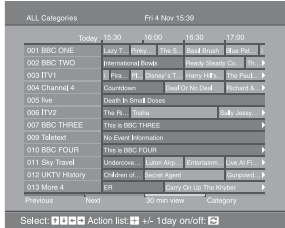
Digital Electronic Programme Guide (EPG)

1 In digital mode, press ▭ to display the Digital Electronic Programme Guide (EPG).

2 Perform the desired operation, as shown in the following table.

Note

Programme information will only be displayed if the TV station is transmitting it.

To	Do this
Watch a current programme	Press ⊕ while the current programme is selected.
Sort the programme information by category – Category list	**1** Press the blue button. **2** Press ⇧/⇩/⇦/⇨ to select a category. The category name is displayed on the side. **3** Press ⊕. The Digital Electronic Programme Guide (EPG) now only displays the current programmes from the category selected.
Set a programme to be recorded – Timer REC	**1** Press ⇧/⇩/⇦/⇨ to select the future programme you want to record. **2** Press ⊕. **3** Press ⇧/⇩ to select "Timer REC". **4** Press ⊕ to set the TV and your VCR timers. A ▭ symbol appears by that programme's information. The ⏱ indicator on the TV (front) lights up.
Set a programme to be displayed automatically on the screen when it starts – Reminder	**1** Press ⇧/⇩/⇦/⇨ to select the future programme you want to display. **2** Press ⊕. **3** Press ⇧/⇩ to select "Reminder". **4** Press ⊕ to automatically display the selected programme when the programme starts. A ⏱ symbol appears by that programme's information. **Note** If you switch the TV to standby mode, it will automatically turn itself on when the programme is about to start.
Set the time and date of a programme you want to record – Manual timer REC	**1** Press ⊕. **2** Press ⇧/⇩ to select "Manual timer REC", then press ⊕. **3** Press ⇧/⇩ to select the date, then press ⇨. **4** Set the start and stop time in the same way as in step 3. **5** Press ⇧/⇩ to select the programme, then press ⊕ to set the TV and your VCR timers. A ▭ symbol appears by that programme's information. The ⏱ indicator on the TV (front) lights up.

To	Do this
Cancel a recording/reminder – Timer list	**1** Press ⊕. **2** Press ⇧/⇩ to select "Timer list". **3** Press ⇧/⇩ to select the programme you want to cancel, then press ⊕. A display appears to confirm that you want to cancel the programme. **4** Press ⇨ to select "Yes", then press ⊕ to confirm.

Tip

You can also display the Digital Electronic Programme Guide (EPG) by selecting "Digital EPG" in the "MENU".

Notes

- You can set VCR timer recording on the TV only for Smartlink compatible VCRs. If your VCR is not Smartlink compatible, a message will be displayed to remind you to set your VCR timer.
- Once a recording has begun, you can switch the TV to standby mode, but do not switch off the TV completely or the recording may be cancelled.
- If an age restriction for programmes has been selected, a message asking for pin code will appear on the screen. For more details refer to "Parental Lock" on page 20.

Using the Favourite list DVB

The Favourite feature allows you to select programs from a list of up to 8 channels you specify.

To	Do this
Create your Favourite list for the first time	A message appears asking if you want to add channels to the Favourite list when you select "Digital Favourites" in the "MENU" for the first time. **1** Press ⊕ to select "Yes". **2** Press ⇧/⇩ to select the channel you want to add. **3** Press ⊕. Channels that are stored in the Favourite list are indicated by a ♥ symbol.
Add or remove channels in the Favourite list	**1** Press the blue button. Channels that are stored in the Favourite list are indicated by a ♥ symbol. **2** Press ⇧/⇩ to select the channel you want to add or remove. **3** Press ⊕. **4** Press the blue button to return to the Favourite list.
Remove all channels from the Favourite list	**1** Press the blue button. **2** Press the yellow button. A display appears to confirm that you want to delete all channels from the Favourite list. **3** Press ⇦ to select "Yes", then press ⊕ to confirm.

Navigating through menus

"MENU" allows you to enjoy various convenient features of this TV. You can easily select channels or external inputs with the remote. Also, settings for your TV can be changed easily using "MENU".

2,3

1
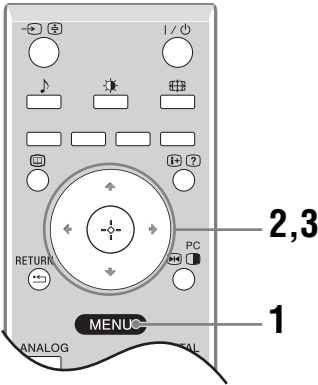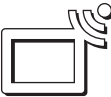
1 Press MENU to display the menu.

MENU	
♡	Digital Favourites
A	Analogue
D	Digital
▦	Digital EPG
⊡	External Inputs
⏚	Settings

Select: ↑ ↓   Enter: ⊕   Exit: MENU
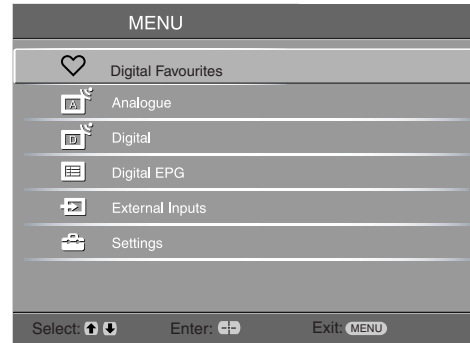
2 Press ⇧/⇩ to select an option.

3 Press ⊕ to confirm a selected option.
To exit the menu, press MENU.

Menu		Description
♡	Digital Favourites (in digital mode only)	Launches the Favourite list. For details about settings, see page 14.
▭	Programme List (in analogue mode only)	Allows you to select TV programs from a list of channel labels. • To watch the desired channel, select the channel, then press ⊕. • To assign a label to a program, see page 19.
A	Analogue (in digital mode only)	Returns to the last viewed analogue channel.
D	Digital (in digital mode only)	Returns to the last viewed digital channel.
▦	Digital EPG (in digital mode only)	Launches the Digital Electronic Programme Guide (EPG). For details about settings, see page 13.
⊡	External Inputs	Selects equipment connected to your TV. • To watch the desired external input, select the input source, then press ⊕. • To assign a label to an external input, see page 19.
⏚	Settings	Opens the Settings menu screen where most of advanced settings and adjustments are performed. Select a menu icon, select an option and make the desired change or adjustment using ⇧/⇩/⇦/⇨. For details about settings, see page 16 to 21.

Picture Adjustment menu

Picture Adjustment	
Picture Mode	Custom
Backlight	5
Contrast	Max
Brightness	50
Colour	50
Hue	0
Sharpness	15
Colour Tone	Warm
Reset	
Noise Reduction	Auto

Back: ← Select: ↑ ↓ Enter: ⊞ Exit: MENU
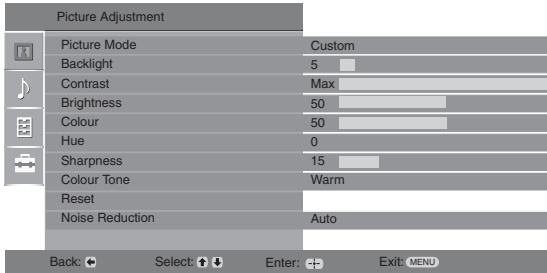
You can select the options listed below on the Picture menu. To select options in "Settings", see "Navigating through menus" (page 15).

Picture Mode
Selects the picture mode.
• "Vivid": For enhanced picture contrast and sharpness.
• "Standard": For standard picture. Recommended for home entertainment.
• "Custom": Allows you to store your preferred settings.

Backlight
Adjusts the brightness of the backlight.

Contrast
Increases or decreases picture contrast.

Brightness
Brightens or darkens the picture.

Colour
Increases or decreases colour intensity.

Hue
Increases or decreases the green tones.
Tip
"Hue" can only be adjusted for an NTSC colour signal (e.g., U.S.A. video tapes).

Sharpness
Sharpens or softens the picture.

Colour Tone
Adjusts the whiteness of the picture.
• "Cool": Gives the white colours a blue tint.
• "Neutral": Gives the white colours a neutral tint.
• "Warm": Gives the white colours a red tint.
Tip
"Warm" can only be selected when you set "Picture Mode" to "Custom".

Reset
Resets all picture settings except "Picture Mode" to the factory settings.

Noise Reduction
Reduces the picture noise (snowy picture) in a weak broadcast signal.
• "Auto": Automatically reduces the picture noise.
• "High/Mid/Low": Modifies the effect of the noise reduction.

Sound Adjustment menu

Sound Adjustment	
Sound Effect	Standard
Treble	50
Bass	50
Balance	0
Reset	
Dual Sound	Mono
Auto Volume	On
TV Speakers	On

Back: ← Select: ↑ ↓ Enter: ⊞ Exit: MENU

You can select the options listed below on the Sound menu. To select options in "Settings", see "Navigating through menus" (page 15).

Sound Effect
Selects the sound mode.
• "Standard": Enhances clarity, detail, and sound presence by using "BBE High definition Sound System."
• "Dynamic": Intensifies clarity and sound presence for better intelligibility and musical realism by using the "BBE High definition Sound System."
• "BBE ViVA": BBE ViVA Sound provides musically accurate natural 3D image with Hi-Fi sound. The clarity of the sound is improved by BBE while the width depth and height of sound image are expanded by BBE's proprietary 3D sound process. BBE ViVA Sound is compatible with all TV programs including news, music, dramas, movies, sports and electronic games.
• "Dolby Virtual": Uses the TV speakers to simulate the surround effect produced by a multi channel system.
• "Off": Flat response.
Tips
• You can change sound effect by pressing ♪ repeatedly.
• If you set "Auto Volume" to "On", "Dolby Virtual" changes to "Standard".

Treble	Adjusts higher-pitched sounds.
Bass	Adjusts lower-pitched sounds.
Balance	Emphasizes left or right speaker balance.
Reset	Resets all the sound settings to the factory settings.
Dual Sound	Selects the sound from the speaker for a stereo or bilingual broadcast.

Dual Sound Selects the sound from the speaker for a stereo or bilingual broadcast.
- "Stereo", "Mono": For a stereo broadcast.
- "A"/"B"/"Mono": For a bilingual broadcast, select "A" for sound channel 1, "B" for sound channel 2, or "Mono" for a mono channel, if available.

Tip
If you select other equipment connected to the TV, set "Dual Sound" to "Stereo", "A" or "B".

Auto Volume Keeps a constant volume level even when volume level gaps occur (e.g., adverts tend to be louder than programmes).

TV Speakers Turns off the TV speakers e.g. to listen to the sound through external audio equipment connected to the TV.

- "On": the sound is output from the TV speakers.
- "One Time Off": the TV speakers are temporarily turned off allowing you to listen to the sound from external audio equipment.
- "Permanent Off": the TV speakers are permanently turned off allowing you to listen to the sound from external audio equipment.

Tips
- To turn on the TV speakers again, change to on.
- The "One Time Off" option automatically returns to "On" when the TV set is switched off.
- "Sound Adjustment" options are not available if "One Time Off" or "Permanent Off" have been selected.

Features menu
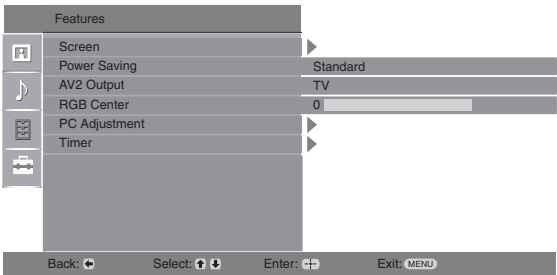
You can select the options listed below on the Features menu. To select options in "Settings", see "Navigating through menus" (page 15).

Screen Changes the screen format.
- "Auto Format": Automatically changes the screen format according to the broadcast signal.
- "Screen Format": For details about the screen format, see page 12
- "Vertical Size": Adjusts the vertical size of the picture when the screen format is set to Smart.

Tips
- Even if you have selected "On" or "Off" in "Auto Format", you can always modify the format of the screen by pressing ⊞ repeatedly.
- "Auto Format" is available for PAL and SECAM signals only.

Power Saving Selects the power saving mode to reduce the power consumption of the TV.
- "Standard": Default settings.
- "Reduce": Reduces the power consumption of the TV.
- "Picture Off": Switches off the picture. You can listen to the sound with the picture off.

| AV2 Output | Sets a signal to be output through the socket labelled ⟳/⟶2 on the rear of the TV. If you connect a VCR to the ⟳/⟶2 socket, you can then record from the equipment connected to other sockets of the TV.
• "TV": Outputs a broadcast.
• "Auto": Outputs whatever is being viewed on the screen. Not available for ⟶ AV3, ⟶ AV5 and ⟶ AV6. |
|---|---|
| RGB Center | Adjusts the horizontal picture position so that the picture is in the middle of the screen.

Tip

This option is only available if an RGB source has been connected to the Scarts connectors ⟳1/⟶1 or ⟳2/⟶2 on the rear of the TV. |
| PC Adjustment | Customizes the TV screen as a PC monitor.

Tip

This option is only available if you are in PC Mode.
• "Phase": Adjust the screen when a part of a displayed text or image is not clear.
• "Pitch": Enlarges or shrinks the screen size horizontally.
• "H Center": Moves the screen to the left or to the right.
• "V Lines": Corrects the picture lines while viewing an RGB input signal from the PC ⟶ connector.
• "Power saving": Turns to standby mode if no PC signal is received.
• "Reset": Resets to the factory settings. |
| Timer | Sets the timer to turn on/off the TV.

• Sleep Timer

Sets a period of time after which the TV automatically switches itself into standby mode.
When the Sleep Timer is activated, the ⏲ (Timer) indicator on the TV (front) lights up in orange.

Tips
• If you switch off the TV and switch it on again, "Sleep Timer" is reset to "Off".
• "Sleep timer will end soon. Power will be turned off" appears on the screen one minute before the TV switches to standby mode.

• Clock Set

Allows you to adjust the clock manually. When the TV is receiving digital channels, the clock cannot be adjusted manually since it is set to the time code of the broadcasted signal.

• Timer

Sets the timer to turn on/off the TV.
"Timer Mode": Selects the desired period.
"On Time": Sets the time to turn on the TV.
"Off Time": Sets the time to turn off the TV. |

Set-up menu

Set Up	
⊞	Auto Start Up ▶
	Language — English
♪	Country — -
	Auto Tuning
🗒	Programme Sorting ▶
	AV Preset ▶
⇔	Sound Offset ▶
	Manual Programme Preset ▶
	Digital Set Up ▶

Back: ◀   Select: ↑ ↓   Enter: ⊕   Exit: MENU
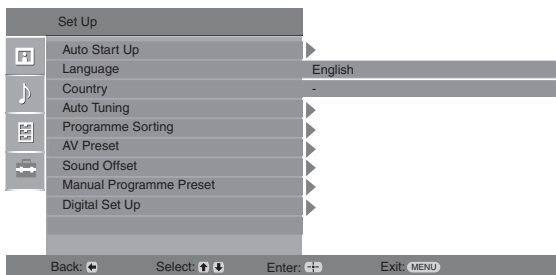
You can select the options listed below on the Set-up menu. To select options in "Settings", see "Navigating through menus" (page 15).

| Auto Start-up	Starts the "first time operation menu" to select the language and country/region, and tune in all available digital and analogue channels.
Language	Selects the language in which the menus are displayed.

Country	Selects the country/region where you operate the TV. **Tip** The country/region in which you want to use the TV does not appear in the list, select "-" instead of a country/region.
Auto Tuning	Tunes in all the available analogue channels.
Programme Sorting	Changes the order in which the analogue channels are stored on the TV. **1** Press ⇧/⇩ to select the channel you want to move to a new position, then press ⇨. **2** Press ⇧/⇩ to select the new position for your channel, then press ⊕.

AV Preset	Assigns a name to any equipment connected to the side and rear sockets.
	1 Press ⇧/⇩ to select the desired input source, then press ⊕.
	2 Press ⇧/⇩ to select the desired option below, then press ⊕.
	  • "AV1 (or AV2/ AV3/ AV4/ PC/ HDMI), VIDEO, DVD, CABLE, GAME, CAM, SAT": Uses one of the preset labels to assign a name to connected equipment.
	  • "Edit": Creates your own label.
	  • "Skip": Skips an input source that is not connected to any equipment when you press ⇧/⇩ to select the input source.

Sound Offset	Sets an independent volume level to each equipment connected to the TV.

Manual Programme Preset	Before selecting "Label"/"AFT"/"Audio Filter"/"Skip"/"Decoder", press ⇧/⇩ to select the programme number you want to modify. Then, press ⊕.
	System
	Presets programme channels manually.
	1 Press ⇧/⇩ to select "System", then press ⊕.
	2 Press ⇧/⇩ to select one of the following TV broadcast systems, then press ⇦.
	  B/G: For western European countries/regions
	  D/K: For eastern European countries/regions
	  L: For France
	  I: For the United Kingdom
	Note
	Depending on the country/region selected for "Country" (page 5), this option may not be available.
	Channel
	1 Press ⇧/⇩ to select "Channel", then press ⊕.
	2 Press ⇧/⇩ to select "S" (for cable channels) or "C" (for terrestrial channels), then press ⇨.
	3 Tune the channels as follows:
	If you do not know the channel number (frequency)
	Press ⇧/⇩ to search for the next available channel. When a channel has been found, the search will stop. To continue searching, press ⇧/⇩.
	If you know the channel number (frequency)
	Press the number buttons to enter the channel number of the broadcast you want or your VCR channel number.
	4 Press ⊕ to jump to "Confirm", then press ⊕.
	5 Press ⇩ to select "OK", then press ⊕.
	Repeat the procedure above to preset other channels manually.
	Label
	Assigns a name of your choice, up to five letters or numbers, to the selected channel.
	AFT
	Allows you to fine-tune the selected programme number manually if you feel that a slight tuning adjustment will improve the picture quality.

Audio Filter

Improves the sound for individual channels in the case of distortion in mono broadcasts. Sometimes a non-standard broadcast signal can cause sound distortion or intermittent sound muting when watching mono programmes.

If you do not experience any sound distortion, we recommend that you leave this option set to the factory setting "Off".

Notes
• You cannot receive stereo or dual sound when "Low" or "High" is selected.
"Audio Filter" is not available when "System" is set to "L".

Skip

Skips unused analogue channels when you press PROG +/- to select channels. (You can still select a skipped channel using the number buttons.)

Decoder

Views and records the scrambled channel selected when using a decoder connected directly to scart connector ⊕/⊸1, or to scart connector ⊕/⊸2 via a VCR.

Note
Depending on the country/region selected for "Country" (page 5), this option may not be available.

Digital Set-up menu DVB
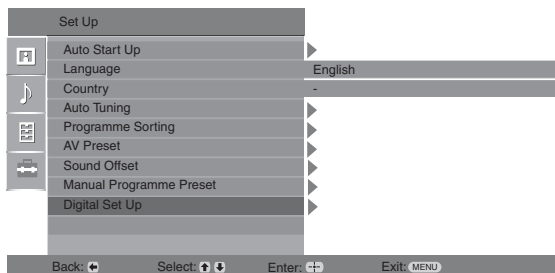
You can change/set the digital settings using the Digital Set-up menu. To select options in "Settings", see "Navigating through menus" (page 15).

Digital Tuning
Displays the "Digital Tuning" menu.

Digital Auto Tuning
Tunes in all the available digital channels..

Programme List Edit
Removes any unwanted digital channels stored on the TV, and changes the order of the digital channels stored on the TV.

Digital Manual Tuning
Tunes the digital channels manually.

Digital Set-up
Displays the "Digital Set Up" menu.

Subtitle Setting
Displays digital subtitles on the screen.

Subtitle Language
Selects which language subtitles are displayed in.

Audio Language
Selects the language used for a programme.

Audio Type
Increases the sound level when "For Hard Of Hearing" is selected.

Parental Lock
Sets an age restriction for programmes

PIN Code
Sets a PIN code for the first time, or allows you to change your PIN code.

Tip
PIN code 9999 is always accepted.

Technical Set-up

Displays the Technical Set-up menu.

"Auto Service Update": Enables the TV to detect and store new digital services as they become available.

"Software Download": Enables the TV to automatically receive software updates, free through your existing aerial (when issued). Sony recommends that this option is set to "On" at all times. If you do not want your software to be updated, set this option to "Off".

"System Information": Displays the current software version and the signal level.

"Time Zone": Allows you to select the correct time zone for your country.

CA Module Set-up

Allows you to access a Pay Per View service once you obtain a Conditional Access Module (CAM) and a view card. See page 22 for the location of the 🖽 (PCMCIA) socket.

Using MENU Functions

Connecting optional equipment

You can connect a wide range of optional equipment to your TV. Connecting cables are not supplied.

Connecting to the TV (side)

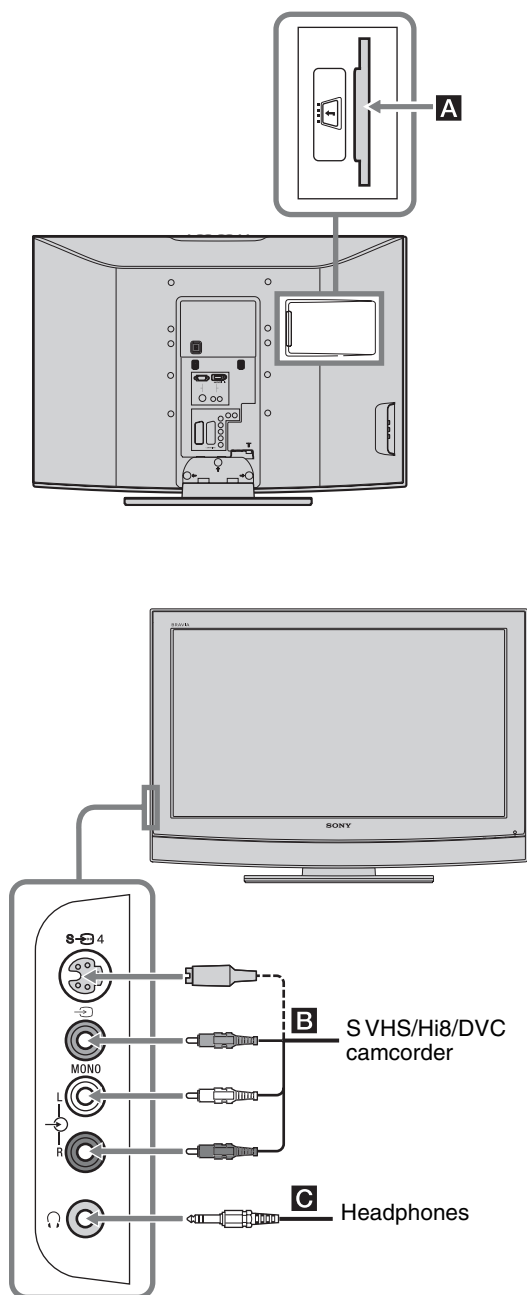| To connect	Do this
Conditional Access Module (CAM) **A**	To use Pay Per View services. For details, refer to the instruction manual supplied with your CAM. To use the CAM, remove the rubber cover from the CAM slot. Switch off the TV when inserting your CAM into the CAM slot. When you do not use the CAM, we recommend that you replace the cover on the CAM slot.
S VHS/Hi8/DVC camcorder **B**	Connect to the S video socket S-⊶4 or the video socket -⊝4, and the audio sockets -⊙4. To avoid picture noise, do not connect the camcorder to the video socket -⊝4 and the S video socket S-⊶4 at the same time. If you connect mono equipment, connect to the L socket -⊙4, and set "Dual Sound" to "A" (page 17).
Headphones **C**	Connect to the ⌂ socket to listen to sound from the TV on headphones.

Additional operations

To	Do this
Access the Input signal index table	Press ⊕ to access the Input signal index table. (Then, only in analogue mode, press ⇨.) To select an input source, press ⇧/⇩, then press ⊕.

A

B S VHS/Hi8/DVC camcorder

C Headphones

Connecting to the TV (rear)

DVD player
with component output

DVD recorder

VCR
└─ Decoder

Video game equipment
DVD player
Decoder

To connect	Do this
PC **D**	Connect to the PC →···/─ sockets. It is recommended to use a PC cable with ferrites.
Digital satellite receiver or DVD player **E**	Connect to the HDMI IN 6 socket if the equipment has a HDMI socket. The digital video and audio signals are input from the equipment. If the equipment has a DVI socket, connect the DVI socket to the HDMI IN 6 socket through a DVI - HDMI adaptor interface (not supplied), and connect the equipment's audio out sockets to the audio in HDMI IN 6 sockets. **Notes** • The HDMI sockets only support the following Video inputs: 480i, 480p, 576i, 576p, 720p and 1080i. To connect a PC, please use the PC input socket. • Use HDMI certified cable with HDMI logo.
DVD player with component output **F**	Connect to the component sockets and the audio sockets →···/─3.
Video game equipment, DVD player or decoder **G**	Connect to the scart socket →→/ →···1. When you connect the decoder, the scrambled signal from the TV tuner is output to the decoder, then the unscrambled signal is output from the decoder.
DVD recorder or VCR that supports SmartLink **H**	Connect to the scart socket →→/ →···2. SmartLink is a direct link between the TV and a VCR/DVD recorder.
Hi-Fi audio equipment **I**	Connect to the audio output sockets ─ to listen to the sound from the TV on Hi-Fi audio equipment.

Using Optional Equipment

23 GB

Specifications

Display Unit

Power Requirements:
220–240 V AC, 50 Hz

Screen Size:
KDL-40U2000: 40 inches
KDL-32U2000: 32 inches
KDL-26U2000: 26 inches

Display Resolution:
1,366 dots (horizontal) × 768 lines (vertical)

Power Consumption:
KDL-40U2000: 190 W or less
KDL-32U2000: 135 W or less
KDL-26U2000: 100 W or less

Standby Power Consumption*:
KDL-40U2000: 0.8 W or less
KDL-32U2000: 1 W or less
KDL-26U2000: 1 W or less
* Specified standby power is reached after the TV finishes necessary internal processes.

Dimensions (w × h × d):
KDL-40U2000:
Approx. 988 × 687 × 270 mm (with stand)
Approx. 988 × 653 × 128 mm (without stand)
KDL-32U2000:
Approx. 797 × 580 × 220 mm (with stand)
Approx. 797 × 548 × 125 mm (without stand)
KDL-26U2000:
Approx. 663 × 503 × 220 mm (with stand)
Approx. 663 × 472 × 128 mm (without stand)

Mass:
KDL-40U2000:
Approx. 24 kg (with stand)
Approx. 21 kg (without stand)
KDL-32U2000:
Approx. 16 kg (with stand)
Approx. 14 kg (without stand)
KDL-26U2000:
Approx. 12 kg (with stand)
Approx. 10 kg (without stand)

Panel System

LCD (Liquid Crystal Display) Panel

TV System

Analogue: Depending on your country/region selection:
B/G/H, D/K, L, I
Digital: DVB-T

Colour/Video System

Analogue: PAL, SECAM
NTSC 3.58, 4.43 (only Video In)
Digital: MPEG-2 MP@ML

Aerial

75 ohm external terminal for VHF/UHF

Channel Coverage

Analogue: VHF: E2–E12

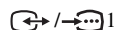UHF: E21–E69
CATV: S1–S20
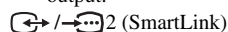HYPER: S21–S41
D/K: R1–R12, R21–R69
L: F2–F10, B–Q, F21–F69
I: UHF B21–B69
Digital: VHF/UHF

Terminals

↪/–⊡1
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, and TV audio/video output.

↪/–⊡2 (SmartLink)
21-pin Scart connector (CENELEC standard) including audio/video input, RGB input, selectable audio/video output, and SmartLink interface.

–⊡3
Supported formats: 1080i, 720p, 576p, 576i, 480p, 480i
Y: 1 Vp-p, 75 ohms, 0.3V negative sync
P_B/C_B: 0.7 Vp-p, 75 ohms
P_R/C_R: 0.7 Vp-p, 75 ohms

–⊙3
Audio input (phono jacks)
500 mVrms
Impedance: 47 kilo ohms

S–⊙4 S video input (4-pin mini DIN)
–⊙4 Video input (phono jack)
–⊙4 Audio input (phono jacks)
⊙– Audio output (Left/Right) (phono jacks)

PC –⊡ PC Input (15 Dsub) (see page 23)
G: 0.7 Vp-p, 75 ohms, non Sync on Green
B: 0.7 Vp-p, 75 ohms, non Sync on Green
R: 0.7 Vp-p, 75 ohms, non Sync on Green
HD: 1-5 Vp-p
VD: 1-5 Vp-p
–⊙ PC audio input (minijack)

HDMI IN 6
Video: 1080i, 720p, 576p, 576i, 480p, 480i
Audio: Two channel linear PCM
32, 44.1 and 48 kHz, 16, 20 and 24 bits,
or analogue audio input (phono jacks)

⌒ Headphones jack
⊡ CAM (Conditional Access Module) slot

Sound Output

KDL-40U2000: 10 W + 10 W (RMS)
KDL-32U2000: 10 W + 10 W (RMS)
KDL-26U2000: 10 W + 10 W (RMS)

Supplied Accessories

Refer to "1: Checking the accessories" on page 4.

Optional Accessories

• Wall-Mount Bracket
SU-WL51 (for KDL-40U2000)
SU-WL31 (for KDL-32U2000 / KDL-26U2000)

Design and specifications are subject to change without notice.

PC Input Signal Reference Chart

| Signals	Horizontal (Pixel)	Vertical (Line)	Horizontal frequency (kHz)	Vertical frequency (Hz)	Standard
VGA	640	480	31.5	60	VGA
SVGA	800	600	37.9	60	VESA Guidelines
XGA	1024	768	48.4	60	VESA Guidelines
WXGA	1280	768	47.4	60	VESA
	1280	768	47.8	60	VESA

- This TV's PC input does not support Sync on Green or Composite Sync.
- This TV's PC input does not support interlaced signals.
- This TV's PC input supports signals in the above chart with a 60 Hz vertical frequency. For other signals, you will see the message "NO SYNC".

# Troubleshooting

Check whether the ⏻ (standby) indicator is flashing in red.

When it is flashing

The self-diagnosis function is activated.

1 Measure how long the ⏻ (standby) indicator flashes and stops flashing.
For example, the indicator flashes for two seconds, stops flashing for one second, and flashes for two seconds.

2 Press ⏻ on the TV (top side) to switch it off, disconnect the mains lead, and inform your dealer or Sony service centre of how the indicator flashes (duration and interval).

When it is not flashing

1 Check the items in the tables below.

2 If the problem still persists, have your TV serviced by qualified service personnel.

Picture

Problem	Cause/Remedy
No picture (screen is dark) and no sound	• Check the aerial connection. • Connect the TV to the mains, and press ⏻ on the TV (top side). • If the ⏻ (standby) indicator lights up in red, press I/⏻.
No picture or no menu information from equipment connected to the scarts or HDMI IN socket	• Check that the optional equipment is on and press ⟿/⊞ repeatedly until the correct input symbol is displayed on the screen. • Check the connection between the optional equipment and the TV. • When connecting any equipment to the HDMI IN 6 socket or when changing the resolution, some dots can appear blinking on the screen for a few seconds. HDMI signal decoding is in progress and it does not indicate a malfunction.
Double images or ghosting	• Check aerial/cable connections. • Check the aerial location and direction.
Only snow and noise appear on the screen	• Check if the aerial is broken or bent. • Check if the aerial has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside).
Distorted picture (dotted lines or stripes)	• Keep the TV away from electrical noise sources such as cars, motorcycles, hair-dryers or optical equipment. • When installing optional equipment, leave some space between the optional equipment and the TV. • Make sure that the aerial is connected using the supplied coaxial cable. • Keep the aerial cable away from other connecting cables.

Additional Information

Problem	Cause/Remedy
Picture noise when viewing a TV channel	• Select "Manual Programme Preset" in the "Set-Up" menu and adjust "AFT" (Automatic Fine Tuning) to obtain better picture reception (page 19).
Some tiny black points and/or bright points on the screen	• The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.
No colour on programmes	• Select "Reset" in the "Picture Adjustment" menu to return to the factory settings (page 16).
No colour or irregular colour when viewing a signal from the Y, PB/CB, PR/CR jacks of →⟨⟩3	• Check the connection of the Y, PB/CB, PR/CR jacks of →⟨⟩3. • Make sure that the Y, PB/CB, PR/CR jacks of →⟨⟩3 are firmly seated in their respective sockets.
Irregular picture when viewing a signal from PC	• Check PC input socket connection. • Connect to PC input socket instead of HDMI IN 6 socket. • If the connection is only available through HDMI socket, change the screen resolution to 720p and adjust horizontal and vertical screen size in the display properties settings of PC.

Sound

Problem	Cause/Remedy
No sound, but good picture	• Press ⊿ +/– or ⊠ (Mute). • Check that "TV Speakers" is set to "On" in the "Sound Adjustment" menu (page 17).
Noisy sound	• See the "Picture noise" causes/remedies on page 25.

Channels

Problem	Cause/Remedy
The desired channel cannot be selected	• Switch between digital and analogue mode and select the desired digital/analogue channel.
Some channels are blank	• Scrambled/Subscription only channel. Subscribe to the Pay Per View service. • Channel is used only for data (no picture or sound). • Contact the broadcaster for transmission details.
Digital channel is not displayed	• Check that the aerial is plugged directly into the TV (not through other equipment). • Contact a local installer to find out if digital transmissions are provided in your area. • Upgrade to a higher gain aerial.

General

Problem	Cause/Remedy
The TV turns off automatically (the TV enters standby mode)	• Check if the "Sleep Timer" is activated, or confirm the setting of "Off Time" (page 18). • If no signal is received and no operation is performed in the TV mode for 10 minutes, the TV automatically switches to standby mode.
The TV turns on automatically	• Check if the "On Time" is activated (page 18).
Some input sources cannot be selected	• Select "AV Preset" in the "Set-up" menu and cancel "Skip" of the input source (page 19).
The remote does not function	• Replace the batteries.

VIRTUAL DOLBY SURROUND

ViVA DIGITAL
HD3D Sound **BBE**

KDL-40U2000
KDL-32U2000
KDL-26U2000